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ANNUAL REPORT  
  
of the  
  
MEDICAL OFFICER OF HEALTH  
  
and  
  
CHIEF PUBLIC HEALTH INSPECTOR.  
  
  
IN RESPECT OF THE YEAR 1964  
  
FOR THE RURAL DISTRICT OF SPILSBY  
  
IN THE COUNTY OF LINCOLN - PARTS OF LINDSEY.



SPILSBY RURAL DISTRICT COUNCIL.

Public Health Staff.

Medical Officer of Health.

A. Loftus, L.R.C.P., L.R.C.S., D.P.H., Dip.Mid..

Chief Public Health Inspector.

W. Bailey, Cert. R.S.I., M.S.I.A., Cert. Meat and  
Other Foods.

Additional Public Health Inspector.

M.J. Whitehead, M.A.P.H.I., M.R.S.H., Cert. Meat Insp:

Clerk.

G.D. Holiday.



Medical Officer's Report for the Year, 1965

Mr. Chairman and Gentlemen,

I have the honour to present the Annual Report on the Health and Sanitary conditions of the district for the Year, 1965.

The estimated mid-year population as supplied by the Registrar General was 22,480 compared with 22,270 in 1963., showing a growth in number of 210. There were 283 deaths from all causes giving a Death Rate of 12.5 per 1,000 population, slightly higher than the national rate of 11.3. There were 4 deaths in infants under 1 year of age. The greatest number of deaths occurred in persons over 65 years of age 78.37%. There were 320 births, 8 more than in the previous year. 17 births were illegitimate. The birth rate per 1,000 population was 14, lower than national rate of 18.4. There were 5 still-births.

Notifications were received in respect of 166 cases of Infectious Diseases, Measles accounting for 143, 11 Pneumonia, 4 Pulmonary Tuberculosis, 2 Non-Pulmonary Tuberculosis, 2 Scarlet Fever, 1 Dysentery, and 1 Puerperal Pyrexia.

VITAL STATISTICS

Area in acres..... 145,660  
Population: the Registrar General's estimated  
mid-year home population is..... 22,480

Density the density of population is (persons per acre)..... .15

Rateable Value: The rateable value was 1st April, 1965..... £630,552 0. 0.  
and the product of a penny rate 31st March, 1964., estimated: £ 2,450. 0. 0.

Houses: The number of houses inhabited was..... 7,879

Births: Live Births (a) Legitimate M 154 F 149 Total: 320  
(b) Illegitimate M 5 F 12

Live births rate per 1,000 population..... 14.2  
Illegitimate live births per cent of total live births..... 5.3

Stillbirths..... M 3 F 2 Total..... 5

Rate per 1,000 total live and still births..... 15.2

Total live and still births..... 325

Infant deaths (deaths under 1 year) M Nil F 4 Total: 4

Legitimate mortality rate per 1,000 legitimate live births.... 13.2

Illegitimate mortality rate per 1,000 illegitimate live births 0



## Vital Statistics

Neonatal Mortality Rate (deaths under 4 weeks per 1,000 total live births).....	6.2
Early Neonatal Mortality Rate (deaths under 1 week per 1,000 total live births).....	6.2
Fœtinatal Mortality Rate (still births and deaths under 1 week combined per 1,000 total live and still-births)	21.5
Maternal Mortality (including abortion).....	Nil
Number of deaths.....	Nil
Rate per 1,000 total live and still births.....	Nil

## DEATHS

No:of deaths from all causes.....	283
Death rate per 1,000 resident population.....	12.5
Death rate adjusted for comparison with other places...	9.7
Death rate for England and Wales per 1,000 resident population.....	11.3

## CAUSES OF DEATH ACCORDING TO REGISTRAR GENERAL'S RETURN

<u>Disease</u>	<u>Male</u>	<u>Female</u>	<u>Total</u>
Tuberculosis, Respiratory	2	-	2
Malignant Neoplasm, stomach	2	1	3
Malignant Neoplasm, lung, bronchus	2	-	2
Malignant Neoplasm, Breast	-	6	6
Malignant Neoplasm, uterus	-	2	2
Other Malignant and Lymphatic Neoplasms	7	9	16
Leukaemia, Aleukaemia	1	1	2
Diabetes	1	-	1
Vascular lesions of nervous system	22	23	45
Coronary disease, angina	32	15	47
Hypertension with heart disease	3	2	5
Other heart disease	20	29	49
Other circulatory disease	9	8	17
Influenza	-	1	1
Pneumonia	9	6	15
Bronchitis	13	6	19
Other diseases of respiratory system	3	-	3
Ulcer of stomach and duodenum	1	2	3
Hyperplasia of Prostate	3	-	3
Congenital malformations	-	3	3
Other defined and ill-defined diseases	12	22	34
Motor vehicle accidents	2	-	2
All other accidents	2	-	2
Suicide	1	-	1
Total all causes.....	147	136	283





The death rate per thousand of the population for:

Tuberculosis.....	C.8	Coronary Disease Angina.....	2.9
Pneumonia.....	.66	Malignant Neoplasm Lung Bronchus.....	.08

Deaths - Age Distribution

Under 4 weeks	4 wks & under 1 year	1-4	5-14	15-24	25-34	35-44
2	2	1	1	4	2	6
45-54	55-64	65-74	75 and over			
9	34	70	152	Total = 283		

78.37% of the deaths occurred in persons over 65 years of age  
21.55% of the deaths occurred in persons under the age of 65 years of age

CAUSES OF DEATH OF INFANTS UNDER ONE YEAR

Congestive cardiac failure.....	1
Prematurity.....	1
Intracranial haemorrhage.....	1
Pneumococcal Meningitis.....	1
Total.....	4

MENTAL DEFECTIVES

Analysis of subnormal patients at 31.12.64

Category	Male		Female	
	Under 16	Over 16	Under 16	Over 16
Under Supervision	1	13	1	3
Attending J.T.C.	4	3	5	6
Patients in Psychiatric Hospitals for S.N.'s.	1	17	-	19
Awaiting Admission to Hospital	-	1	1	-



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# INFECTIOUS DISEASES NOTIFIED

	Scarlet Fever	Whooping Cough	Acute Poliomyelitis Paralytic	Non-Paralytic
Under 1 year	-	-	-	-
1 - "	-	-	-	-
2 - years	-	-	-	-
3 - "	-	-	-	-
4 - "	1	-	-	-
5-9 "	-	-	-	-
10-14 "	-	-	-	-
15-24 "	1	-	-	-
25 and over	-	-	-	-
Age unknown	-	-	-	-
	2	-	-	-
	Measles (excluding rubella)	Diphtheria	Dysentery	Meningococcal Infection
Under 1 year	1	-	-	-
1 - "	13	-	-	-
2 - years	16	-	-	-
3 - "	20	-	-	-
4 - "	11	-	-	-
5-9 "	79	-	-	-
10-14 "	2	-	-	-
15-24 "	1	-	-	-
25 and over	-	-	1	-
Age unknown	-	-	-	-
	143	-	1	-



	Acute Pneumonia	Smallpox	Acute encephalitis Infective	Post infectious	Typhoid Fever
Under 5 years	2	-	-	-	-
5-14 "	1	-	-	-	-
15-44	6	-	-	-	-
45-64	2	-	-	-	→
65 and over	-	-	-	-	-
Age unknown	-	-	-	-	-
	11	-	-	-	-

	Paratyphoid Fever.	Erysipelas	Food Poisoning	Puerperal Pyrexia
Under 5 years	-	-	-	-
5-14 "	-	-	-	-
15-44 "	-	-	2	1
45-64	-	-	-	-
65 and over	-	-	-	-
Age unknown	-	-	-	-
	-	-	2	1

	<u>Pulmonary Tuberculosis</u>		<u>Non-Fulmonary Tuberculosis</u>
25 -34 years	2	15- 19 years	1
35-44 "	1	45-54 "	1
55-64 "	1		2
	<u>4</u>		<u>3</u>

Grand Total..... 166



TUBERCULOSIS

NEW CASES

	<u>Respiratory</u>		<u>Non-Respiratory</u>	
	<u>Male</u>	<u>Female</u>	<u>Male</u>	<u>Female</u>
Under 1 year	-	-	-	-
1 year	-	-	-	-
2-4 years	-	-	-	-
5-9	-	-	-	-
10-14	-	-	-	-
15-19	-	-	1	-
20-24	-	-	-	-
25-34	1	1	-	-
35-44	1	-	-	-
45-54	-	-	-	1
55-64	1	-	-	-
65-74	-	-	-	-
75 and over	-	-	-	-
Age Unknown	-	-	-	-
<u>Total</u>	3	1	1	1

	<u>DEATHS IN 1964</u>		<u>Non-Respiratory</u>	
	<u>Male</u>	<u>Female</u>	<u>Male</u>	<u>Female</u>
Under 1 year	-	-	-	-
1-year	-	-	-	-
2-4 years	-	-	-	-
5-9	-	-	-	-
10-14	-	-	-	-
15-19	-	-	-	-
20-24	-	-	-	-
25-34	-	-	-	-
35-44	-	-	-	-
45-54	1	-	-	-
55-64	-	-	-	-
65-74	-	-	-	-
75 and over	-	-	-	-
Age unknown	1	-	-	-
Total	2	-	-	-





I am indebted to Dr. C.D. Cormac, County Medical Officer of Health for the following information:-

Particulars of vaccination and immunisations carried out during the year.

Diphtheria Immunisations	Under 1	1	2	3	4	5-9	10-14	Total
Initials	-	-	-	-	-	-	-	-
Boosters	-	-	-	-	-	-	-	-

Diphtheria and Whooping Cough Immunisations	Under 1	1	2	3	4	5-9	10-14	Total
	-	-	-	-	-	-	-	-

Diphtheria, Tetanus and Whooping Cough Immunisations	Under 1	1	2	3	4	5-9	10-14	Total
Initials	86	119	13	2	-	2	-	222
Boosters	-	21	89	14	24	28	-	176

Diphtheria and Tetanus Immunisations	Under 1	1	2	3	4	5-9	10-14	Total
Initials	-	-	1	-	-	15	1	17
Boosters	-	-	2	-	6	99	3	110

Whooping Cough Immunisations	Under 1	1	2	3	4	5-9	10-14	Total
	-	-	-	-	-	-	-	-

Whooping Cough and Tetanus Immunisations	Under 1	1	2	3	4	5-9	10-14	Total
	-	-	-	-	-	-	-	-

Smallpox

	Under 1	1 - 4	5 - 14	15 or over	Total
Vaccination	17	31	3	14	65
Re-vaccination	-	1	-	33	34

Tetanus Immunisation

	Under 1	1 - 4	5 - 14	15 or over	Total
Initial Courses	-	1	49	154	204
Boosters	-	1	8	31	40



POLIOMYELITIS VACCINATION  
 Particulars of vaccination carried out during the Year.

Salk Vaccine

Had 2 injections

Persons born in the years						
64	63	62	61	60-43	42-33	Others
-	-	-	-	-	-	-

Had 3rd injection

Persons born in the years						
63	62	61	60-43	42-33	Others	
-	1	-	-	-	-	1

Had 4th injection

Persons born in the years	
60 - 43	Others
27	-

Oral Vaccine

Initial Course of  
3 oral doses

Persons born in the years						
64	63	62	61	60-43	42-33	Others
36	161	33	6	27	6	5

Oral booster after 2  
salk injections

Persons born in the years					
63	62	61	60-43	42-33	Others
-	2	16	25	2	1

4th oral after 3 salk  
injections or 3 oral doses

Persons born in the years	
60 - 43	Others
218	-



SCHOOL MEDICAL INSPECTIONS 1964      TABLE A

Defect Code No:	Defect or Disease	Periodic Inspections							TOTAL
		Entrants		Leavers			Others		
		(1st Age Group)	(2nd Age Group)	(3rd Age Group)	(4th Age Group)	(5th Age Group)	(6th Age Group)	(7th Age Group)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
4.	Skin		9	1	24	1	12	2	45
5.	Eyes -								
	a. Vision.	6	31	22	8	13	25	41	64
	b. Squint	5	5	3	1	3	4	11	10
	c. Other		3				4		7
6.	Ears -								
	a. Hearing		12		2		2		16
	b. Otitis Media		17		1		4		22
	c. Other								
7.	Nose and Throat		49		4		12		65
8.	Speech	1	4		1			1	5
9.	Lymphatic Glands		17				3		20
10.	Heart		8		3		2		13
11.	Lungs		9		2	1	3	1	14
12.	Developmental -								
	a. Hernia		5				2		7
	b. Other		2		2		2		6
13.	Orthopaedic -								
	a. Posture		2		1		3		6
	b. Feet		24		6		17		47
	c. Other		10		9	1	6	1	25
14.	Nervous system -								
	a. Epilepsy								
	b. Other								
15.	Psychological -								
	a. Development.		8		11		6		25
	b. Stability		38		13		8		59
16.	Abdomen		5		1				6
17.	Other				3		8		11

NORMAL - BOYS 173      GIRLS 162      PARENTS PRESENT 353





TABLE B SPECIAL INSPECTIONS

Defect Code No: (1)	Defect or Disease (2)	Special Inspections	
		Requiring treatment	Requiring observation
4	Skin		
5	Eyes - a Vision b Squint c Other		2
6.	Ears - Hearing b Otitis Media c Other		
7.	Nose and Throat		
8.	Speech	1	
9.	Lymphatic Glands		
10.	Heart		
11.	Lungs		
12.	Development - a Hernia b Other		
13.	Orthopaedic - a Posture b Feet c Other		
14.	Nervous system - a. Epilepsy b. Other		
15.	Psychology - a Development b Stability		2
16.	Abdomen		
17.	Other		

SUPERVISION CASES 737

TABLE C

SPECIALS

10

Age Groups inspected (By years of birth)	No of Pupils inspected	Number of children Found to require treatment, (including cases under treatment, but excluding dental diseases and infestation with vermin)			S Satisfactory	U Unsatis - factory
		For defective vision (excluding overleaf treatment	For any other condition recorded	Total individual children requiring treatment		
(Col.1)	(Col.2)	(Col.3)	(Col.4.)	(Col.5)	(Col.6)	(Col.7)
1960 & later.	8				8	
1959	139	1	1	1	139	
1958	191	4	4	8	112	
1957	15	1	1	1	15	
1956	6				6	
1955	6				6	
1954	4				4	
1953	110	10	2	10	110	
1952	57	2	3	4	56	1
1951	14	1	1	2	14	
1950	84	8	1	8	84	
1949 & earlier	83	14	3	15	83	
TOTAL	717	41	16	49	716	1





## P.C.G. Vaccination

Details of B.C.G. vaccinations carried out at Schools in Spilsby during the year under the County Council's School Children Scheme are as follows:-

	No. skin tested	No. found positive	No. found negative	No. vaccinated
School children under 14 years of age	109	6	103	103

## HOME HELP SERVICE

Details regarding the Domestic Help Service in Spilsby during 1964 are as follows:

Number of Helpers enrolled at the end of 1964: 38

Number of cases given help during 1964:-

Aged	Chronic sick	Maternity	Others	Total
64	7	2	4	77

Number of cases receiving help at the end of 1964:

Aged	Chronic sick	Maternity	Others	Total
53	4	-	3	60

## FOOD AND DRUGS ACT, 1955

Sample of Food and Drugs taken for Analysis during the year.

Milk	582
Processed milk products	4
Tinned, bottled and preserved foods	2
Alcoholic beverages	4
Non-alcoholic beverages	2
Sugar and flour confectionery	7
Preserves	4
Meat and fish products	3
Vinegars, spices and sauces	3
Miscellaneous foods	2
Cereals	3
Drugs	1
Total	617

The numbers of samples of milk are substantial as all milk which is received at the two processing dairies situate at Spilsby and Willoughby is sampled at these places for convenience irrespective of the place of production.

Forty-six samples were deficient in fat or solids non-fat. All of the deficiencies were found to be due to natural causes and the producers have been advised accordingly and follow-up samples taken.

One sample of cherry pie filling was found to be inadequately labelled and representation has been made to the manufacturer as necessary.

The remainder of the samples satisfied the analytical tests.

The following samples of milk were subject to testing for efficiency of pasteurisation or sterilisation and for keeping quality. All of these samples satisfied the prescribed tests.

Tuberculin tested milk	
pasteurised	278
Pasteurised milk	214
Sterilised milk	109
Tuberculin tested milk, raw	13
Total	614

The foregoing samples included those from the two processing dairies together with samples taken on delivery rounds and milk shops. 164 samples of milk were taken for biological examination. These showed no evidence of tuberculosis but 8 were effected by brucella abortus. In all instances of milk from the affected herds is normally subject to pasteurisation apart from that may be consumed by the producers or their employees, who have been advised on the dangers of consuming the milk in its raw condition.



## HOSPITAL SERVICES

### GENERAL AND MATERNITY

Grace Swan Hospital provides for some medical, surgical and maternity cases. Other medical, surgical and maternity cases are admitted to Louth and Boston Hospitals. Paediatric cases are admitted to Boston, Louth and Lincoln Hospitals.

### INFECTIOUS DISEASES

Patients suffering from these diseases are admitted to the Isolation Hospitals at Boston and Lincoln.

### X-RAY FACILITIES

X-Ray facilities are provided by the Grace Swan, Spilsby Boston and Louth Hospitals.

### WELFARE SERVICES

Under the provisions of the National Assistance Act, 1948., it is the responsibility of the Welfare Authority to provide accommodation for aged and infirm persons who are in need of care and attention. This accommodation is provided in the form of Hostels in the district. It was not necessary to take action under Section 47 of this Act during the year.

### AMBULANCE SERVICE

Since the 1st January, 1964., there is a sub-station at Spilsby, this is staffed with 2 men and 1 ambulance.

### THE CHILDRENS ACT, 1948.

By the provisions of this Act certain classes of children come under the care of the Childrens Department of the County Council. This department is responsible for children who are for various reasons deprived of normal care of their parents, and problem families. The Rural District as a Housing Authority can give a lot of help towards the re-housing of problem families, under this Act. There is one Residential Nursery in the district, situated at Burgh-le-Marsh.

## GENERAL HEALTH SERVICES

### MATERNITY SERVICE

#### MIDWIFERY

Five Midwives serve the district, four full-time and one in a relieving capacity.

#### ANTE-NATAL and POST-NATAL.

Ante-Natal and Post-Natal work is undertaken by the general practitioners in the district.

### INFANT WELFARE

An Infant Welfare Clinic is held at Friskney on the 2nd and 4th Mondays of the Month, and at Wainfleet on the 1st and 3rd Wednesdays of the Month. Immunisation against Diphtheria, Whooping Cough, and vaccination against Smallpox and Poliomyelitis is done at these Clinics.





The sources of supply for the Spilsby Rural district are:-

- (a) Three boreholes in the Spilsby Sandstone at Driby.
- (b) Two boreholes at Mumby (1 in Spilsby Sandstone and the other in the Chalk.)
- (c) Outcrop Spilsby Sandstone Water at Twenty lands feeding a reservoir of 150,000 gallons capacity.

Water treatment

The water at Driby is aerated (to remove excess iron) filtered and chlorinated prior to pumping to a high level service reservoir at Scotland House on the main road from Spilsby to Ulceby Cross.

The Mumby and Twentylands sources are chlorinated prior to passing to supply.

Samples have been taken regularly since the 1st April, 1964., when the Rural District Council Water Undertaking became an integral part of the East Lincolnshire Water Board.

The average daily and summer peak quantities of water supplied for all purposes are approximately 930,000 and 1,250,000 gallons respectively.

DRIBY SOURCE      This water contains per million parts:-

Total solids dried 180C	337.00	
Suspended matter	Absent	
Chlorides as Chlorine	16.00	
Nitrate Nitrogen	0.21	
Nitrite Nitrogen	Absent	
Ammoniacal Nitrogen	0.008	
Albuminoid Nitrogen	0.168	
Carbonate hardness	245.00	
Non-Carbonate hardness	25.00	
Excess Alkalinity as Sodium Carbonate	-	
Oxygen absorbed from		
N/80 KMnO <sub>4</sub> in 4 hrs. @ 27°C	0.16	
pH Value	7.6	
Odour and taste	Normal	
Colour - Hazen Units	Less than 5	
Heavy Metals	Absent	
Free Chlorine	Absent	
No. of colonies developing per ml. on agar at 21°C. in 72 hrs.		0
No. of colonies developing per ml. on agar at 37°C in 24 hrs.		0
No. of colonies developing per ml. on agar 37°C in 48 hrs.		0
Coli - aerogenes count per 100 mls at 37°C in 48 hrs.		0
Faecal coli count per 100 mls at 44°C in 48 hrs.		0
Bacillus Coli(Presumptive).		0



(continued)

WATERSUPPLY- Twentylands.Raw Water

This water contains per million parts:-

Total solids dried 180°C	364.00
Suspended Matter	Absent
Chlorides as Chlorine	32.00
Nitrate Nitrogen	5.36
Nitrite Nitrogen	0.004
Ammoniacal Nitrogen	0.012
Albuminoid Nitrogen	0.088
Carbonate Hardness	105.00
Non-Carbonate Hardness	149.00
Excess Alkalinity as Sodium Carbonate	-
Oxygen absorbed from	
N/80 KMnO <sub>4</sub> in 4 hrs @ 27°C	0.38
pH Value	7.0
Odour and Taste	Normal
Colour - Hazen Units	Less than 5
Heavy Metals	Absent
Free Chlorine	Absent

No. of colonies developing per ml. on agar at 21°C in 72 hrs.	0
No. of colonies developing per ml. on agar 37°C in 24 hrs.	0
No. of colonies developing per ml. on agar 37°C in 48 hrs.	0
Coli - aerogenes count per 100 mls at 37°C in 48 hrs.	0
Faecal coli count per 100 mls. at 44°C in 48 hrs.	0
Bacillus coli (presumptive)	0

<u>Mineral Analysis</u>	<u>parts per million</u>
Dissolved oxygen	9.1
Temperature °C	8
Free Carbon Dioxide	7.0
Calcium as Ca	96.0
Magnesium as Mg	3.4
Sodium as Na	21.8
Iron Oxide as Fe <sub>2</sub> O <sub>3</sub>	0.0
Carbonates as CO <sub>3</sub>	63.0
Sulphates as SO <sub>4</sub>	107.8
Chlorides as Cl	32.0
Nitrates as NO <sub>3</sub>	23.7
Silicates as SiO <sub>3</sub>	15.2

Probable composition per million parts:

Calcium Carbonate	CaCO <sub>3</sub>	105.0
Calcium Sulphate	CaSO <sub>4</sub>	152.7
Calcium Chloride	CaCl <sub>2</sub>	25.2
Magnesium Chloride	MgCl <sub>2</sub>	13.3
Sodium Chloride	NaCl	9.9
Sodium Nitrate	NaNO <sub>3</sub>	32.5
Sodium Silicate	Na <sub>2</sub> SiO <sub>3</sub>	24.3





This water contains per million parts:-

Total solids dried 180°C	594.00
Suspended matter	Absent
Chlorides as Chlorine	56.80
Nitrate Nitrogen	0.21
Nitrite Nitrogen	Absent
Ammoniacal Nitrogen	0.380
Albuminoid Nitrogen	0.004
Carbonate Hardness	36.00
Non-Carbonate Hardness	-
Excess Alkalinity as Sodium Carbonate	327.3
Oxygen absorbed from N/80KMnO <sub>4</sub> in 4 hrs @ 27°C	0.04
pH Value	8.8
Odour and Taste	Normal
Colour - Hazen Units	Less than 5
Heavy Metals	Absent
Free Chlorine	Absent

No. of colonies developing per ml. on agar at 21°C in 72 hrs.	0
No. of colonies developing per ml. on agar 37°C in 24 hrs.	0
No. of colonies developing per ml. on agar 37°C in 48 hrs.	0
Coli-aerogenes count per 100 mls at 37°C in 48 hrs.	0
Faecal coli count per 100 mls. at 44°C in 48 hrs.	0
Bacillus Coli (Presumptive)	0

Mineral AnalysisParts per million

Calcium as Ca	11.2
Magnesium as Mg	1.9
Sodium as Na	223.9
Iron as Fe <sub>2</sub> O <sub>3</sub>	0.0
Carbonates as CO <sub>3</sub>	207.0
Sulphates as SO <sub>4</sub>	74.5
Chlorides as Cl	56.8
Nitrates as NO <sub>3</sub>	0.9
Silicates as SiO <sub>3</sub>	15.2
Dissolved oxygen (10°C.)	6.0
Free Carbon Dioxide	0.0

Probable composition per million parts:-

Calcium carbonate	CaCO <sub>3</sub>	28.0
Magnesium carbonate	MgCO <sub>3</sub>	6.6
Sodium Carbonate	Na <sub>2</sub> CO <sub>3</sub>	327.3
Sodium Sulphate	Na <sub>2</sub> SO <sub>4</sub>	110.2
Sodium Chloride	NaCl	93.7
Sodium Nitrate	NaNO <sub>3</sub>	1.2
Sodium Silicate	Na <sub>2</sub> SiO <sub>3</sub>	24.4
Iron as Fe <sub>2</sub> O <sub>3</sub>		



PUBLIC CLEANSING.

The acquisition of a suitable and convenient site in our coastal region for refuse disposal presents a real serious problem.

The present system of excavation, burning and covering with soil, is not ideal, but practicable under present circumstances.

From a survey of the coastal belt, the only suitable site for controlled tipping is an area between the two banks known as Chapel Marsh. It is an ideal site. If the site is obtained, refuse can be deposited in layers under the 'Bradford' tipping system, from bank to bank. The suggested area will ensure the Council has provision for the tipping of refuse for many years.

At present, the coastal area deals with refuse from licensed Camping Sites (involving over 7,000 caravans), along with 7 - 10 daily loads from Butlin's Holiday Camp, refuse from innumerable tents and domestic premises (approximately 1,600 bins); imposing a strain during the holiday season.

There is a refuse collection service in all sixty-nine parishes. Fifty-nine parishes receive refuse collection once every three weeks; three parishes once every two weeks and the remaining seven parishes once every week.

Refuse tips are situate at Spilsby, Ulceby, Stickney, New Bolingbroke, Burgh, Ingoldmells and Hogsthorpe.

Night Soil and Cesspools.

There is a free cesspool emptying service at household premises once every two years throughout the District.

At Wainfleet St. Mary, Wainfleet All Saints, Ingoldmells and Burgh-le-Marsh, the vehicles attend properties with pail closets weekly; during the holiday season Ingoldmells receives a twice weekly collection.

The work done by the three cesspool vehicles covers:-

Private properties .....	1,008.
Schools .....	43.
Camp Sites .....	285.
Business Premises .....	31.
Sewage Disposal Works .....	111.
Public Conveniences .....	295.

The card index system appertaining to free cesspool service emptying at private houses totals 2,091.

CAMPING SITES.

During the last few years, there has been a noticeable increase in the use of tents. No doubt many families consider this type of holiday delightful, free of restrictions and economic.

There is no reason why, in the near future, the owners of tent sites should not attain the high standard of amenities now provided on sites stationed with caravans.

There are 262 licensed camp sites, with a permitted number of 7,270 caravans, allowing many thousands of visitors to enjoy and benefit from the existing good conditions. Twelve unsatisfactory conditions respecting caravans were dealt with.



## SEWERAGE AND SEWAGE DISPOSAL SCHEMES.

### Burgh-le-Marsh.

A summary of sewer laying and rising mains at the end of the year is :-

#### Sewers.

7 inch .....	100% of total.
9 inch .....	72.5% of total.
12 inch .....	100% of total.
15 inch .....	100% of total.

#### Rising Mains.

4 inch .....	98.3% of total.
5 inch .....	100% of total.
7 inch .....	100% of total.

Progress is taking place of manholes, laterals and pumping stations.

### Ingoldmells.

- Contract No. 1 - Sewage Disposal Works.  
Contract No. 2 - Laying of sewers and construction of pumping stations.

Works proceeding.

### Wainfleet All Saints, Wainfleet St. Mary and part of Croft.

A summary of sewer laying and rising mains at the end of the year is :-

#### Sewers.

18 inch .....	100% of total.
15 inch .....	100% of total.
12 inch .....	97% of total.
9 inch .....	100% of total.
7 inch .....	90.4% of total.

#### Rising Mains.

4 inch .....	98.6% of total.
--------------	-----------------

Progress is taking place of manholes, laterals, pumping stations and sewage disposal works.

### Huttoft.

Sewers and service connections are completed. Works at the sewage disposal works have not yet started.

### Sibsey.

Outline scheme being prepared.

### Stickney.

Works proceeding at the sewage disposal plant to settlement tanks, sludge beds and filter beds. Laying of sewers in progress.





## Spilsby, Hundleby and Halton Holegate.

Relative flow recorders fitted and daily chart readings completed. These are being forwarded to the Council's Consulting Engineers for submission of a report to the Ministry.

### FOOD HYGIENE.

#### (a) Meat.

There are five licensed slaughter houses situate at Hogsthorpe, Stickney, Burgh, Halton Holegate and Eastville.

The Meat Inspection Regulations, 1963, created increased duties at the slaughter houses. Compulsory notification of regular hours of slaughtering of animals on fixed days was received from the butchers as follows :-

Eastville .....	One day per week.
Halton .....	One day per week.
Burgh .....	Five days per week.
Hogsthorpe .....	Two days per week.
Stickney .....	Four days per week.

In addition, notifications are received respecting irregular days and hours of slaughter.

As a result of these Regulations, the time devoted to meat inspection affects other essential public health duties.

During the year 3,075 carcasses and organs were inspected. The total weight of meat destroyed as diseased and unfit was :-

11 cwt    3 qrs    3 lbs.

#### (b) Other Foods.

There were 942 inspections at various food premises. Twelve contraventions were observed and remedied.

Evening inspections are necessary at our coastal resort to check on the numerous open food stalls selling hot dogs, whelks, winkles, oysters etc.

### HOUSING.

During the year, 23 Demolition Orders were made; 47 properties were demolished following Demolition Orders and 7 dwelling houses were subject to Closing Orders.

114 new houses were erected, 109 by private enterprise and 5 by Council.

#### Position at the 31st December, 1964.

Families now housed by the Council :-

Council dwelling	- brick	969.
.. ..	- non-traditional Airy	40.
.. ..	- non-traditional Prefab	40.
.. ..	- non-traditional Swedish	8.
Dwellings converted	- Land Army Hostels	5.
Old Council Offices	- Flats	4.
Old Persons Residence	- Flats	36.
Old Persons Bungalows	-	72.





REPORT ON THE SANITARY CIRCUMSTANCES FOR THE YEAR 1964.

District: Spilsby Rural - Lindsey Lincs.

Area: 145,660 acres.

Population: 22,480 (Registrar General's estimated mid-year home population).

HOUSING.

Total No. of dwelling houses and flats in District ..... 8,372.

TOTAL NUMBER OF NEW HOUSES ERECTED DURING THE YEAR.

(1) By the Local Authority .....	5.
(2) By other Local Authorities .....	Nil.
(3) By other bodies or persons .....	109.
(4) Number allocated for replacing houses subject to Demolition Orders or otherwise demolished .....	1.

HOUSING REPAIRS AND RENTS ACTS, 1954 - 57.

No. of certificates of disrepair issued ..... Nil.

INSPECTION OF DWELLING HOUSES DURING THE YEAR.

(1) (a) Total number of dwelling houses inspected for housing defects (under Public Health or Housing Acts) .....	218.
(b) Number of inspections made for the purpose .....	408.

REMEDY OF DEFECTS DURING THE YEAR WITHOUT SERVICE OF FORMAL NOTICES.

Number of defective dwelling houses rendered fit in consequence  
of informal action by the local authority or their officers ..... 188.

ACTION UNDER STATUTORY POWERS DURING THE YEAR.

(1) <u>Proceedings under Public Health Acts:-</u>	
(a) Number of dwelling houses in respect of which notices were served requiring defects to be remedied .....	Nil.
(b) Number of dwelling houses in which defects were remedied after service of formal notices :-	
(i) by owners ... 1. (ii) by local authority in default of owners .....	Nil.
(2) <u>Proceedings under the Housing Acts.</u>	
(a) Number of dwelling houses in respect of which notices were served requiring repairs .....	Nil.
(b) Number of dwelling houses which were rendered fit after service of formal notices :-	
(i) by owners ... 3. (ii) by local authority in default of owners .....	Nil.
(iii) Number of unfit houses purchased by the local authority in accordance with Housing Acts .....	Nil.
(c) Number of certificates of disrepair issued .....	Nil.



ACTION UNDER STATUTORY POWERS DURING THE YEAR - Cont'd.

(3) Slum Clearance - proceedings under the Housing Acts.

(a)	Number of dwelling houses in respect of which Demolition Orders were made (individual unfit houses only) .....	23.
(b)	Number of dwelling houses demolished in pursuance of Demolition Orders (individual unfit houses only) .....	47.
(c)	Number of dwelling houses, or parts, subject to Closing Orders .....	7.
(d)	Number of dwelling houses, or parts, rendered fit by undertakings .....	1.
(e)	Number of dwelling houses included in confirmed Clearance Orders .....	Nil.
(f)	Number of dwelling houses demolished in pursuance thereof .....	Nil.
(g)	Total number of dwelling houses on which Demolition Orders are operative and which are still occupied except under the provisions of Sections 34, 35 and 46 of the Housing Act, 1957 .....	26.
(h)	Total number of dwelling houses occupied under Sections 34, 35 and 46 of the Housing Act, 1957 .....	Nil.
(i)	Houses demolished or closed voluntarily by owners which would otherwise have been the subject of statutory action to secure demolition or closure .....	Nil.

(4) Nissen Huts or other similar Hutments :-

(a)	Number still occupied .....	Nil.
-----	-----------------------------	------

(5) Estimated number of dwellings, excluding those under paragraph (4) above, remaining to be dealt with under :-

(a)	The Housing Act, 1957, sections 16 and 18 .....	137.
(b)	The Housing Act, 1957, section 42 .....	Nil.

HOUSING ACTS, 1949 - 59.

Number of dwellings for which applications for grants have been received	(a) Standard Grant ..	-
	(b) Discretionary Gt.	145.
Number of dwellings subject to grant	(a) Standard Grant ..	-
	(b) Discretionary Gt.	144.
Number of houses owned by the local authority which have been the subject of grant aid by the Ministry .....		25.

MOVEABLE DWELLINGS, TENTS, VANS, ETC.

Caravan Sites and Control of Development Act, 1960.

Number of site licences .....	262.
Total number of caravans permitted under such licences .....	7,270.
Number of inspections during the year :- Sites .....	321.
Caravans .....	53.
Number of contraventions remedied .....	12.
Number of sites exempt from licence .....	21.
Number of caravans thereon .....	619.



BAKEHOUSES.

Number in district .....	8.
Number of inspections .....	17.
Number of contraventions .....	1.
Defects remedied .....	1.

ICE CREAM.

Number of manufacturers on register .....	-
Number of premises licensed for sale of ice cream .....	152.
Number of inspections of premises made .....	73.
Number of contraventions found .....	Nil.
Number of contraventions remedied .....	Nil.

MEAT PRODUCTS.

Number of premises registered for manufacture of meat products..	20.
Number of inspections made .....	384.
Number of contraventions found .....	8.
Number of contraventions remedied .....	8.

OTHER FOOD PREMISES.

Number of inspections .....	368.
Number of contraventions found .....	4.
Number of contraventions remedied .....	4.

SLAUGHTERHOUSES.

Number licensed - Abattoir type .....	Nil.
- Private (individual) .....	5.
Number operated by local authority - Abattoir type .....	Nil.
- Other .....	Nil.

UNSOUND FOOD - CARCASSES AND OFFAL INSPECTED AND CONDEMNED IN WHOLE OR IN PART.

	Cattle excluding Cows.	Cows.	Calves.	Sheep and Lambs.	Pigs.	Horses.
Number inspected.	753.	3.	10.	1,389.	920.	-
<u>All diseases except Tuberculosis and Cysticerci.</u>						
Whole carcasses condemned	1.	-	-	2.	1.	-
Carcasses of which some part or organ was condemned.	20.	-	-	-	1.	-
Percentage of the number inspected affected with disease other than tubercul- osis and cysticerci.	2.8%	-	-	0.08%	0.2%	-

(Chart continued).





UNSOUND FOOD - CARCASSES AND OFFAL INSPECTED AND CONDEMNED IN WHOLE OR IN PART.

(Chart continued).

	Cattle excluding Cows.	Cows.	Calves.	Sheep and Lambs.	Pigs.	Horses.
<u>Tuberculosis only.</u>						
Whole carcasses condemned.	-	-	-	-	2.	-
Carcasses of which some part or organ was condemned.	-	-	-	-	11.	-
Percentage of the number inspected affected with tuberculosis.	-	-	-	-	1.3%	-
<u>Cysticercosis.</u>						
Carcasses of which some part or organ was condemned.	-	-	-	-	-	-
Carcasses submitted to treatment by refrigeration.	-	-	-	-	-	-
Generalised and totally condemned.	-	-	-	-	-	-

OTHER FOODS CONDEMNED.

7 x 12 ozs ..... Tins of Corned Beef.  
5 lbs ..... Kidney.

Method of Disposal of Condemned Food.

Meat ..... Stained and removed by Hide  
and Skin Merchants.  
Other Foods ..... Buried and burnt on refuse tip.





## DRAINAGE AND SEWERAGE.

### Closets.

Do Council operate pail closet emptying service ?

Weekly collection - Burgh; Wainfleet All Saints;  
Wainfleet St. Mary and Ingoldmells.

Twice weekly in Summer - Ingoldmells.

### Cesspools and Septic Tanks.

Number of cesspools and septic tanks emptied, cleansed etc :-

Private dwellings .....	1,008.
Schools .....	43.
Camp Sites .....	285.
Business Premises .....	31.
Sewage Disposal Works .....	111.
Public Conveniences .....	295.

Do Council operate cesspool/septic tank emptying service ? ...	Yes.
Number of vehicles in use for emptying pail closets and cesspools .....	3.

## WATER SUPPLIES.

### Domestic.

Number of houses supplied from public mains - in house .....	6,927.
- standpipe .....	20.
Number of private sources considered to be unsatisfactory .....	1.
Number of houses supplied therefrom .....	1.
Any part of the district requiring a public supply or the replacement of a public supply for public health reasons .....	-.
Number of samples taken for bacteriological examination :-	
from public supplies - Satisfactory 16. Unsatisfactory 3.	
from private supplies - Satisfactory 5. Unsatisfactory 1.	

## GENERAL.

### Offensive Trades.

Number of premises in district .....	Nil.
Number of inspections .....	Nil.
Contraventions remedied .....	Nil.

### Knackers Yard.

Number licensed .....	Nil.
Number of inspections .....	Nil.
Contraventions remedied .....	Nil.

### Shops Act, 1950.

Number of shops inspected .....	Nil.
Contraventions remedied .....	Nil.



GENERAL.

Offices, Shops and Railway Premises Act, 1963.

Number of premises licensed .....	149.
Number of inspections .....	Nil.
Number of defects .....	Nil.
Number remedied .....	Nil.

Disinfection and Disinfestation.

Rooms or premises disinfected :-

(a) infectious disease other than tuberculosis .....	4.
(b) tuberculosis .....	-.
Number of premises subject to disinfestation .....	3.

Refuse Collection and Disposal.

Parishes served by the Scavenging Scheme :-

Spilsby, Wainfleet All Saints, Burgh-le-Marsh, Chapel St. Leonards, Hogsthorpe, Ingoldmells, Anderby, Bilsby, Partney, Stickford, Stickney, East Kirkby, New Bolingbroke, Friskney, Wainfleet St. Mary, Addlethorpe, Welton-le-Marsh, Orby, Eastville, New Leake, Toynton All Saints, Munby, East Keal, Hundley, Huttoft, Sibsey, Great Steeping, Willoughby, Little Steeping, Firsby, Candlesby, Croft, Brinkhill, Irby, Gunby, Scremby, Ashby, Skendleby, Toynton St. Peter, Old Bolingbroke, Raithby, West Keal, Frithville, Midville, Bratoft, Aswardby, Hagnaby, Ulceby, Thorpe St. Peter, Thornton-le-Fen, South Ormsby, Rigsby, Markby, Langton, Calceby, Carrington, Claxby, Cumberworth, Dalby, Driby, Hareby, Farlethorpe, Harrington, Langrville, Mavis Enderby, Sausthorpe, Well, Westville, West Fen.

How frequently is refuse removed from each house ?

Once weekly in the parishes of :- Spilsby, Wainfleet All Saints, Burgh-le-Marsh, Chapel St. Leonards, Hogsthorpe, Ingoldmells, Hundley; once every two weeks in the built up areas of Wainfleet St. Mary, Stickney and Sibsey, and the remaining 59 parishes once every three weeks.

Method of Disposal :- (a) Open controlled tipping.  
(b) Trench controlled tipping.

Is this satisfactory ?

..... Yes.

Details of Nuisances abated.

	<u>After informal intimation.</u>	<u>After statutory notice.</u>
Refuse .....	23.	-
Foul ditches, ponds and stagnant water .....	-.	-
Drainage .....	5.	-
Poultry and Animals .....	-.	-
Dangerous Premises .....	-.	-
Miscellaneous Nuisances .....	3.	-



GENERAL.

Rats and Mice Destruction.

Number of rodent operatives employed ..... 1 full time.  
Number of treatments (a) dwelling houses ..... 279.  
(b) other premises :-  
(i) Local Authority ..... 75.  
(ii) Business Premises ..... 118.  
(iii) Agricultural Premises ..... 699.

Are there any serious reservoirs of rats in the district ? ..... No.  
Does service cover (a) domestic and business premises only .... - .  
or (b) domestic, business and  
agricultural premises ..... Yes.

FACTORIES ACT, 1961.

PART 1 OF THE ACT.

1. - INSPECTIONS for purposes of provisions as to health (including inspections made by Public Health Inspectors).

Premises. (1)	Number on Register (2)	Number of		
		Inspections (3)	Written notices (4)	Occupiers prosecuted (5)
(i) Factories in which Sections 1,2, 3,4 and 6 are to be enforced by Local Authorities .....	8.	7.	-	-
(ii) Factories not included in (i) in which Section 7 is enforced by the Local Authority .....	86.	17.	1.	-
(iii) Other Premises in which Section 7 is enforced by the Local Authority (excluding out-workers' premises)...	5.	50.	-	-
Total .....	99.	74.	1.	-





FACTORIES ACT, 1961. (Cont'd).

PART 1 OF THE ACT.

2. - Cases in which DEFECTS were found.

Particulars. (1)	Number of cases in which defects were found.				Number of cases in which prosecutions were instituted (6)
	Found (2)	Remedied (3)	Referred To H.M. Inspector (4)	By H.M. Inspector (5)	
Want of cleanliness(S.1)...	-	-	-	-	-
Overcrowding (S.2).....	-	-	-	-	-
Unreasonable temperature (S.3) .....	-	-	-	-	-
Inadequate ventilation (S.4) .....	-	-	-	-	-
Ineffective drainage of floors (S.6) .....	-	-	-	-	-
Sanitary Conveniences(S.7)					
(a) Insufficient .....	-	-	-	-	-
(b) Unsuitable or defective .....	1.	1.	-	-	-
(c) Not separate for sexes .....	-	-	-	-	-
Other offences against the Act (not including offences relating to Outwork) .....	-	-	-	-	-
Total .....	1.	1.	-	-	-

PART VIII OF THE ACT.

OUTWORK.

(Sections 133 and 134).

..... N I L .....





